

Serial No.: 10/027,610

Attorney Docket No.: 01P04874US

IN THE CLAIMS:

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Previously Presented) A telecommunications system, comprising:
a Serving GPRS support node (SGSN) adapted to interface to a mobile station;
and
a gateway GPRS support node (GGSN) adapted to couple to a packet network;
wherein said SGSN includes a Session Initiation Protocol (SIP) user agent for interfacing to a SIP application server, to provide multimedia services to said mobile station.
2. (Original) A telecommunications system in accordance with claim 1, said SGSN adapted to initiate a PDP context activation procedure if said SGSN determines, or an other network function/entity instructs the SGSN, that such a PDP context activation is needed to support further services.
3. (Original) A telecommunications system in accordance with claim 2, said PDP activation procedure adapted to be implemented at DP attach or other detection points.
4. (Previously Presented) A telecommunications method, comprising:
processing a detection point attach;
an SGSN requesting PDP context activation; and
triggering an SIP request.
5. (Original) A GPRS telecommunications system, comprising:
a Serving GPRS support node (SGSN) adapted to interface to a mobile station,
wherein said SGSN includes a Session Initiation Protocol (SIP) user agent;

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a gateway GPRS support node (GGSN) adapted to couple to a packet network;
and

a SIP application server, said SIP user agent and said SIP application server
adapted to provide multimedia services to said mobile station.

6. (Original) A GPRS telecommunications system in accordance with claim 5,
said SGSN and said SIP application server adapted to implement an operator owned
PDP context activation.

7. (Original) A GPRS telecommunications system in accordance with claim 6,
said operator owned PDP activation procedure adapted to be implemented at DP
attach or other detection points.

8. (Original) A GPRS telecommunications system in accordance with claim 7,
said SGSN and said SIP application server adapted to implement push services.

9. (Original) A GPRS telecommunications system in accordance with claim 7,
said SGSN and said SIP application server adapted to implement presence status.

10. (Original) A GPRS telecommunications system in accordance with claim 7,
said SGSN and said SIP application server adapted to implement push pre-paid
recharging service.

11. (Original) A method, comprising:
providing a Serving GPRS support node (SGSN) adapted to interface to a mobile
station, wherein said SGSN includes a Session Initiation Protocol (SIP) user agent;
providing a gateway GPRS support node (GGSN) adapted to couple to a packet
network; and

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providing a SIP application server, said SIP user agent and said SIP application server adapted to provide multimedia services to said mobile station.

12. (Original) A method in accordance with claim 11, said SGSN and said SIP application server adapted to implement an operator owned PDP context activation.

13. (Original) A method in accordance with claim 12, said operator owned PDP activation procedure adapted to be implemented at DP attach or other detection points.

14. (Original) A method in accordance with claim 13, said SGSN and said SIP application server adapted to implement push services.

15. (Original) A method in accordance with claim 13, said SGSN and said SIP application server adapted to implement presence status.

16. (Original) A method in accordance with claim 13, said SGSN and said SIP application server adapted to implement push pre-paid recharging service.

17. (Previously Presented) A method in a GPRS network, comprising:
requesting a DP attach from a mobile station to an SGSN;
requesting a PDP context activation from said SGSN to said mobile station;
performing a PDP context activation in response to said requesting; and
pushing content to said mobile station from a SIP application server.

18. (Original) A method in accordance with claim 17, said content comprising one or more Web pages.

19. (Original) A method in accordance with claim 18, further comprising

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implementing push pre-paid recharging service.

20. (New) A telecommunications system, comprising:
a Serving GPRS support node (SGSN) adapted to interface to a mobile station;
and
a gateway GPRS support node (GGSN) adapted to couple to a packet network;
wherein said SGSN includes a Session Initiation Protocol (SIP) user agent for
interfacing to a SIP application server, to provide multimedia services to said mobile
station and a CAMEL service environment, and said SGSN is configured to determine if
an event is triggered to the CAMEL service environment or the SIP user agent.